

## ANTISOILING HARDCOAT

### **Abstract**

5 [0088] An antisoiling hardcoated film comprising a substantially transparent substrate, a hardcoat layer comprising inorganic oxide particles dispersed in a binder matrix, and an antisoiling layer comprising a perfluoropolyether. The antisoiling layer can be very thin, thus reducing the cost of the perfluoropolyether. The film has very good scratch, smudge and glare resistance and very good interlayer adhesion and durability. The film can be in  
10 the form of a single flexible substrate or a stack of such substrates. The film or stack can be sized to fit the display screen of an electronic display device such as a personal digital assistant or cell phone.